

ACTIVE PROMINENCES AND FILAMENTS

SEPTEMBER 2004

Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo	Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/USAF Reg#	Remarks
02	DSF	1738	1920	S08	W54	08	29.8	3	16	9	9	E	HOLL		
04	DSF	1624U	1316U	N20	W32	09	2.2		11	0	0	E	HOLL		
04	DSF	1625U	0536U	N22	W30	09	2.4		09	0	0	E	SVTO		
05	DSD	1242U	1253	S12	E38	09	8.4	1	03	9	0	V	KHAR		
05	DSF	1624U	1316U	N20	W32	09	3.2		11	0	0	E	HOLL		
08	DSF	1324	1519	N01	E35	09	11.2	3	32	0	0	E	SVTO		
08	DSF	1346U	1605	S05	W32	09	6.2	1	17	0	0	E	HOLL		
12	DSF	0003	0027U	S52	E01	09	12.1	3	09	0	0	E	LEAR	0667	Flare Associated
12	BSL	1545	1605	S12	W70	09	7.4	3		8	7	E	HOLL	0667	
13	BSL	1010E	1035	S08	W90	09	6.6	1	08	9	9	V	KHAR		
13	DSD	1010E	1040	N02	E29	09	15.6	1	02	9	4	V	KHAR		
13	DSD	1105	1120D	N02	E29	09	15.7	1	02	9	9	V	KHAR		
14	DSF	1608U	0707U	N37	E40	09	17.9		21	0	0	E	SVTO		
14	SPY	1616	2319	S17	W90	09	7.8	3		6	7	E	HOLL		
15	DSF	0039U	1344U	S36	E37	09	18.0		19	0	0	E	HOLL		
15	BSL	1021	1040	S12	E90	09	22.3	1	03	9	9	V	KHAR		
16	DSD	0920	0950	S11	E67	09	21.5	1	04	9	9	V	KHAR		
17	DSD	1120	1135	S11	E43	09	20.7	1	05	0	9	V	KHAR		
21	DSF	1515U	0559U	N06	E75	09	27.2		14	0	0	E	SVTO		
28	DSF	1543U	0533U	N34	W45	09	25.1		11	0	0	E	SVTO		
29	DSF	0004U	1343U	N34	W47	09	25.2		14	0	0	E	HOLL		

ADF = Active Dark Filament	BSL = Bright Surge on Limb	EPL = Eruptive Prominence on Limb
AFS = Arch Filament System	CAP = CAP Prominence (Tandberg-Hanssen)	LPS = Loops
APR = Active Prominence	CRN = Coronal Rain	MDP = Mound Prominence
ASR = Active Surge Region	DSD = Dark Surge on Disk	SDF/DSF = Sudden Disappearing Filament
BSD = Bright Surge on Disk	DSF = Disappearing Solar Filament	SPY = Spray
		SSB = Solar Sector Boundary

For SOLAR SECTOR BOUNDARY REPORTS, the latitude field contains the Carrington longitude of the point where a neutral line crosses the solar equator. The comments field may contain the Carrington longitude and central meridian distance of two more intersection points.

The EXTENT field for limb events is the radial extent above the limb in hundredths of solar radius. For disk events this field contains the heliographic extent in whole degrees.

The remark "Bright Emission 1/3" indicates that bright emission was observed 1/3 of time.
The remark "Normal Emission 1/3" indicates that normal emission was observed 1/3 of time.

Observation Type: C= Cinematographic, E= Electronic, P= Photographic, V= Visual.

ABST = Abastumani	HOLL = Holloman	RAMY = Ramey
ATHN = Athens	KHAR = Kharkov	SVTO = San Vito
BUCA = Bucharest	LEAR = Learmonth	VORO = Voroshilov
CATA = Catania	PALE = Palehua	VALA = Valasske Mezirici
		WROC = Wroclaw

NOTE: The U.S. Air Force solar observing sites (HOLL, LEAR, RAMY, AND SVTO) have changed operational requirements and will only report the following: BSL, EPL, LPS, SPY, and DSF's.